

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Edward A. Hubbard

Serial No.:

10/766,972

Filing Date:

January 29, 2004

Group Art Unit:

Not Yet Assigned

Before the Examiner:

Not Yet Assigned

Title:

DATA CONVERSION SERVICES AND ASSOCIATED

DISTRIBUTED PROCESSING SYSTEM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is being submitted in connection with the above-identified application for patent. Applicant submits herewith patents, publications or other information of which he is aware, which he believes may be material to the

CERTIFICATION UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 1, 2004.

Signature

Serena Beller

(Printed name of person certifying)

40988-P001P2D1 PATENT

patentability of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 C.F.R. § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

The attached form, PTO-1449, provides a listing of patents, publications, or other information as required by 37 C.F.R. § 1.98(a)(1).

A copy of each of the items identified on the attached Form PTO-1449 is supplied herewith, except for the U.S. patents and the pending patent applications, for which no copies are being submitted.

Respectfully submitted,

WINSTEAD SECHREST & MINICK P.C.

Patent Agent and Attorney for Applicant

Richard F. Frankeny

Keg. No. 47,573

Kelly K. Kordzik

Reg. 36,571

P.O. Box 50784 Dallas, Texas 75201 512/370-2872

In Place of FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION DISCLOSURE
REFERENCE Designation U.S. PA

Serial No.:

10/766,972

Applicants:

Edward A. Hubbard et al. January 29, 2004

Filing Date: Group:

Atty. Docket No.: 40988-P001P2D1

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AAA	4,669,730	06/02/87	Small	273	138	
ABA	4,815,741	03/28/89	Small	273	138	
ACA	5,056,019	10/08/91	Schultz et al.	364	405	
ADA	5,332,218	07/26/94	Lucey	273	138	
AEA	5,402,394	3/28/95	Turski	368	10	
AFA	5,483,444	01/09/96	Heintzeman et al.	364	401	. "
AGA	5,594,792	01/14/97	Chouraki et al.	379	269	,
AHA	5,598,566	01/28/97	Pascucci et al.	395	750	
AIA	5,655,081	08/05/97	Bonnell et al.	395	200.32	
AJA	5,703,949	12/30/97	Rosen	380	21	
AKA	5,740,231	04/14/98	Cohn et al.	379	88.22	
ALA	5,740,549	04/14/98	Reilly et al.	705	14	
AMA	5,768,504	6/16/98	Kells et al.	395	187.01	
ANA	5,768,532	06/16/98	Megerian	709	245	
AOA	5,802,062	09/01/98	Gehani et al.	370	465	
APA	5,815,793	09/29/98	Ferguson	455	3.1	
AQA	5,826,261	10/20/98	Spencer	707	5	· · · · · · · · · · · · · · · · · · ·
ARA	5,826,265	10/20/98	Van Huben et al.	707	8	
ASA	5,842,219	11/24/98	High, Jr. et al.	707	103	
ATA	5,848,415	12/08/98	Guck	707	10	
AUA	5,862,325	01/19/99	Reed et al.	395	200.31	
AVA	5,884,072	03/16/99	Rasmussen	395	600	
AWA	5,887,143	03/23/99	Saito et al.	395	200	
AXA	5,893,075	04/06/99	Plainfield et al.	705	14	
AYA	5,907,619	05/25/99	Davis	713	176	
AZA	5,909,540	06/01/99	Carter et al.	395	182.02	
BAB	5,911,776	06/15/99	Guck	709	217	
BBB	5,916,024	06/29/99	Von Kohorn	463	40	
BCB	5,918,229	06/29/99	Davis et al	707	10	

* Serial No.: 10/766,972 Applicants: Edward A. Hubbard et al. Atty. Docket No.: 40988-P001P2D1

CIC	6,135,646	10/24/00	Kahn et al.	709	217	
CIC	6,134,532	10/17/00	Lazarus et al.	705	14	
CHC	6,128,644	10/03/00	Nozaki	709	203	
cgc	6,115,713	09/05/00	Pascucci et al.	707	10	
CEC	6,112,225	08/29/00	Kraft et al.	709	202	
CEC	6,112,181	08/29/00	Shear et al.	705	1	
CDC	6,112,304	08/29/00	Clawson	713	156	
ccc	6,112,225	08/29/00	Kraft et al.	709	202	
CBC	6,098,091	08/01/00	Kisor	709	202	
CAC	6,094,654	07/25/00	Van Huben et al.	707	8	
BZB	6,078,953	06/20/00	Vaid et al.	709	223	
BYB	6,070,190	05/30/00	Reps et al.	709	224	
BXB	6,065,046	05/16/00	Feinberg et al.	709	216	
BWB	6,061,660	05/02/00	Eggleston et al.	707	14	
BVB	6,058,393	05/02/00	Meier et al.	707	10	
BUB	6,052,785	04/18/00	Lin et al.	713	201	
BTB	6,052,584	04/18/00	Harvey et al.	455	423	
BSB	6,024,640	02/15/00	Walker et al. Carter et al.	711	202	
BRB	6,014,712	02/15/00	Islam et al.	709	246 17	
BOB		01/11/00	Scroggie et al.	705	14	
BPB	6,009,455	12/28/99	Doyle	709	201	
BOB	6,003,065	12/14/99	Yan et al.	709	201	
BNB	5,987,506	11/16/99	Carter et al.	709	213	
BMB	5,978,594	11/02/99	Bonnell et al.	395	837	
BLB	5,970,477	10/19/99	Roden	705	32	
BKB	5,970,469	10/19/99	Scroggie et al.	705	14	
ВЈВ	5,966,451	10/12/99	Utsumi	380	49	
BIB	5,964,832	10/12/99	Kisor	709	202	
BHB	5,958,010	09/28/99	Agarwal et al.	709	224	
BGB	5,953,420	09/14/99	Matyas et al.	713	171	
BLB	5,937,192	08/10/99	Martin	395	705	
BEB	5,921,865	07/13/99	Scagnelli et al.	463	17	

Serial No.: 10/766,972
 Applicants: Edward A. Hubbard et al. Atty. Docket No.: 40988-P001P2D1

					
6,138,155	10//2400	Davis et al.	709	224	
6,148,335	11/14/00	Haggard et al.	709	224	
6,148,377	11/14/00	Carter et al.	711	147	
6,151,684	11/21/00	Alexander et al.	714	4	
6,167,428	12/26/00	Ellis	709	201	
6,189,045	02/13/01	O'Shea et al.	709	246	
6,208,975	03/27/01	Bull et al.	70 9	14	
6,212,550	04/03/01	Segur	709	206	
6,249,836	06/19/01	Downs et al.	710	268	
6,263,358	07/17/01	Lee et al.	709	100	
6,334,126	12/25/01	Nagatomo et al.	707	4	
6,336,124	01/01/02	Alam et al.	715	523	
6,347,340	02/12/02	Coelho et al.	709	246	
6,356,929	03/12/02	Gall et al.	709	201	
6,370,510	04/09/02	McGovern et al.	709	1	
6,370,560	04/09/02	Robertazzi et al.	709	105	
6,374,254	4/16/02	Cochran et al.	707	102	
6,377,975	04/23/02	Florman	709	203	
6,389,421	05/14/02	Hawkins et al.	707	10	1
6,393,014	05/21/02	Daly et al.	370	352	
6,415,373	07/02/02	Peters et al.	711	167	
6,418,462	7/9/02	Xu	709	201	
6,421,781	07/16/02	Fox et al.	713	201	
6,434,594	08/13/02	Wesemann	709	201	
6,434,609	08/13/02	Humphrey	709	218	
6,438,553	08/20/02	Yamada	707	10	
6,463,457	10/8/02	Armentrout et al.	709	201	
6,473,805	10/29/02	Lewis	709	246	
6,477,565	11/05/02	Daswani et al.	709	217	
6,499,105	12/24/02	Yoshiura et al.	713	176	
6,505,246	01/07/03	Land et al.	709	224	
6,516,338	02/04/03	Landsman et al.	709	203	
6,516,350	02/04/03	Lumelsky et al.	709	226	
	6,148,335 6,148,377 6,151,684 6,167,428 6,189,045 6,208,975 6,212,550 6,249,836 6,263,358 6,334,126 6,336,124 6,347,340 6,356,929 6,370,510 6,370,560 6,374,254 6,377,975 6,389,421 6,393,014 6,415,373 6,418,462 6,421,781 6,434,594 6,434,609 6,438,553 6,463,457 6,473,805 6,477,565 6,499,105 6,505,246 6,516,338	6,148,335 11/14/00 6,148,377 11/14/00 6,151,684 11/21/00 6,167,428 12/26/00 6,189,045 02/13/01 6,208,975 03/27/01 6,212,550 04/03/01 6,249,836 06/19/01 6,263,358 07/17/01 6,334,126 12/25/01 6,336,124 01/01/02 6,347,340 02/12/02 6,370,510 04/09/02 6,370,510 04/09/02 6,374,254 4/16/02 6,377,975 04/23/02 6,389,421 05/14/02 6,393,014 05/21/02 6,415,373 07/02/02 6,421,781 07/16/02 6,434,594 08/13/02 6,434,594 08/13/02 6,438,553 08/20/02 6,463,457 10/8/02 6,477,565 11/05/02 6,499,105 12/24/02 6,505,246 01/07/03 6,516,338 02/04/03	6,148,335	6,148,335	6,148,335

' Serial No.: 10/766,972

Applicants: Edward A. Hubbard et al. Atty. Docket No.: 40988-P001P2D1

DRD	6,546,419	04/08/03	Humpleman et al.	709	223	
DSD	6,615,166	09/02/03	Guheen et al.	703	27	
DTD	6,643,291	11/04/03	Yoshihara et al.	370	395.5	

FOREIGN PATENT DOCUMENTS

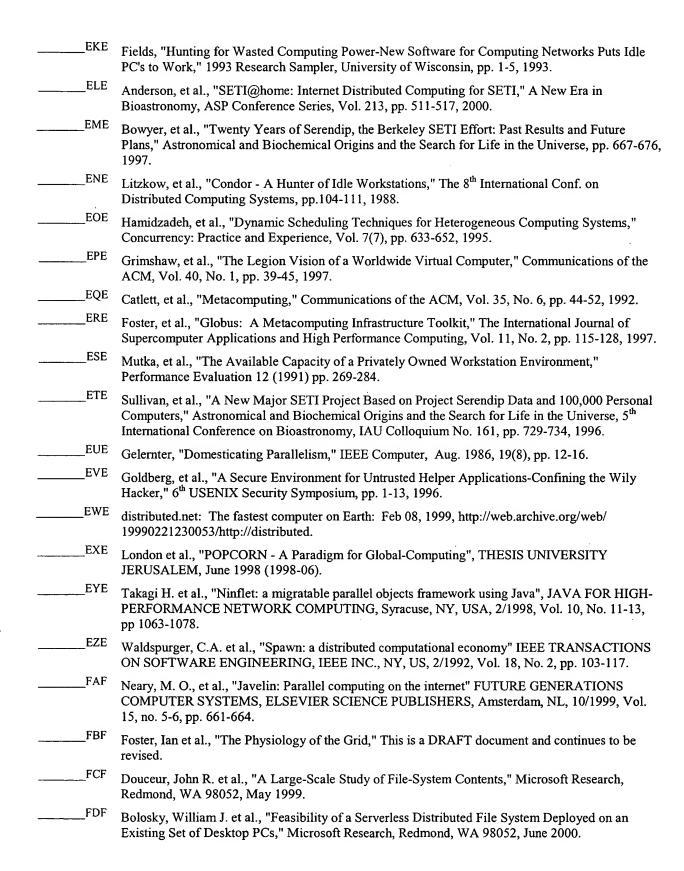
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
DUD	WO0173545A2	10/04/01	PCT			Х
DVD	WO0114961A2	03/01/01	PCT			Х
DWD	EP0883313A2	09/12/98	European			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	
DXD	Brian Hayes, "Computing Science: Collective Wisdom," American Scientist, March-April 1998.
DYD	Steve Lawrence, et al., "Accessibility of information on the web," <i>Nature</i> , Vol. 400, pp. 107-109, July 1999.
DZD	Steve Lawrence, et al., "Searching the World Wide Web," Science, Vol. 280, pp. 98-100, April 3, 1998.
EAE	Steve Lawrence, et al., "Context and Page Analysis for Improved Web Search," <i>IEEE Internet Computing</i> , pp. 38-46, July-August 1998.
EBE	Vasken Bohossian, et al., "Computing in the RAIN: A Reliable Array of Independent Nodes," California Institute of Technology, September 24, 1999.
ECE	"A White Paper: The Economic Impacts of Unacceptable Web-Site Download Speeds," Zona Research, Inc., pp. 1-17, April 1999.
EDE	Peter J. Sevcik, "The World-Wide-Wait Status Report," Northeast Consulting Resources, Inc., Global Internet-Performance Conference, October 14, 1999.
EEE	"White Paper: Max, and the Objective Measurement of Web Sites," WebCriteria, Version 1.00, pp. 1-11, March 12, 1999.
EFE	Renu Tewari, et al., "Design Considerations for Distributed Caching on the Internet," pp. 1-13, May 1999.
EGE	"Measuring and Improving Your E-Commerce Web Site Performance with Keynote Perspective," Keynote Systems, pp. 1-15, March 29, 2000.
ЕНЕ	Sullivan, et al., "A New Major SETI Project Based On Project Serendip Data and 100,000 Personal Computers," Proc of the Fifth Intl Conf on Bioastronomy IAU Colloq No. 161, pp. 729-734, 1997.
EIE	Caronni, et al., "How Exhausting is Exhaustive Search?" RSA Laboratories' CryptoBytes, Vol. 2, No. 3, pp. 2-6, Jan-Mar 1997.
EJE	Bricker, et al., "Condor Technical Summary," Computer Sciences Dept., University of Wisconsin, Version 4.1b, pp.1-10, Jan. 28, 1992.

' Serial No.: 10/766,972

Applicants: Edward A. Hubbard et al. Atty. Docket No.: 40988-P001P2D1



, ' Serial No.: 10/766,972

Applicants: Edward A. Hubbard et al. Atty. Docket No.: 40988-P001P2D1

FEF	Regev, Ori; Economic Oriented CPU Sharing System for the Internet; Master of Science in Computer Science thesis; Institute of Computer Science; The Hebrew University of Jerusalem; July, 1998.
FFF	May, Michael; Idle Computing Resources as Micro-Currencies – Bartering CPU Time for Online Content; AACE WebNet99; Oct. 25-30, 1999.
FGF	May, Michael; Distributed RC5 Decryption as a Consumer for Idle – Time Brokerage; DCW99 Workshop on Distributed Computer on the Web; June 21-23, 1999.
FHF	May, Michael; Locust – A Brokerage System for Accessing Idle Resources for Web-Computing; Proceedings of the 25 th Euromicro Conference; Vol. 2, pp. 466-473; September 8-10, 1999.
FIF	Huberman, Bernardo A., et al.; Distributed Computation as an Economic System; Journal of Economic Perspectives; Vol. 9, No. 1; pp. 141-152; Winter 1995.
Examiner:	Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

AUSTIN_1\244439\1 40988-P001P2D1